



# How to clean the Samsung SGH-E317 keypad

This guide is to show how to remove the keypad for replacement or cleaning. the bottom half of the phone will need to be disassembled.

Written By: Joe Cavaletto



## INTRODUCTION

The bottom half of the phone will need to be disassembled, see "replacing logic board" for instructions to remove logic board.

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### TOOLS:

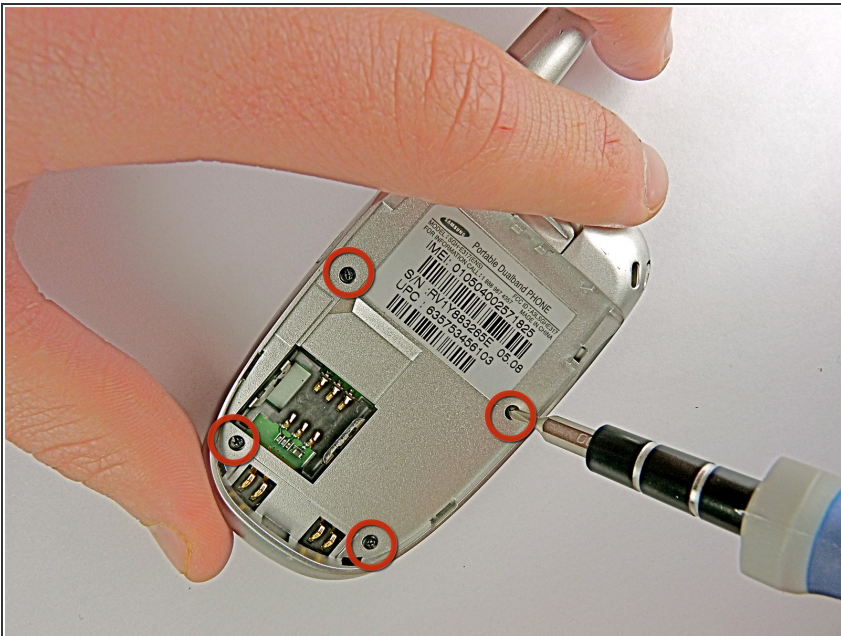
- [Phillips #1 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
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## Step 1 — Battery



- Remove the back panel by pressing up on switch, located at the top on the back of the phone.
- ⓘ You may want to use a plastic opening tool to help pry the back panel off.

## Step 2 — Motherboard



- Unscrew the four 4.5mm screws located on the back plate.



### Step 3



- Remove the rubber screw cover using your fingernail.

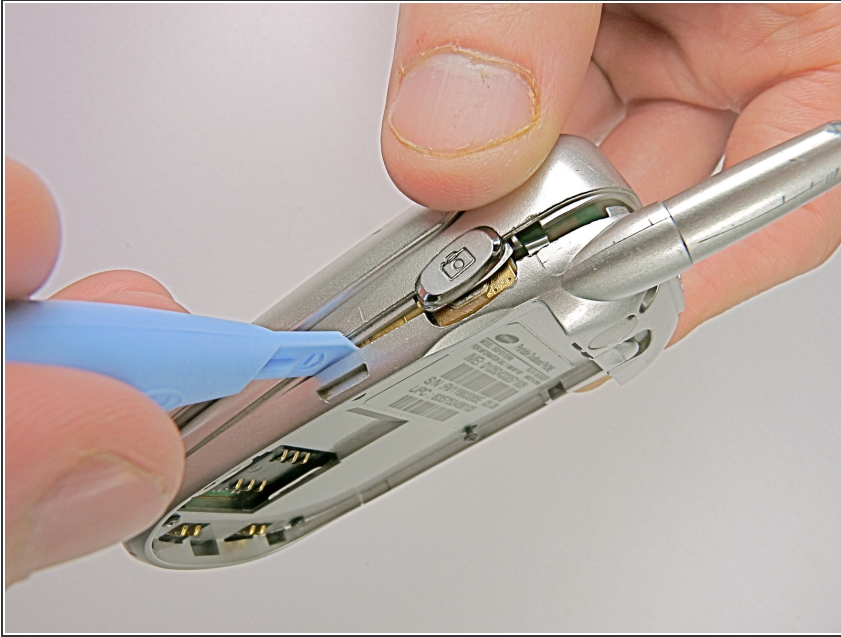
### Step 4



- Unscrew the 4.5mm screw located underneath the rubber cover.

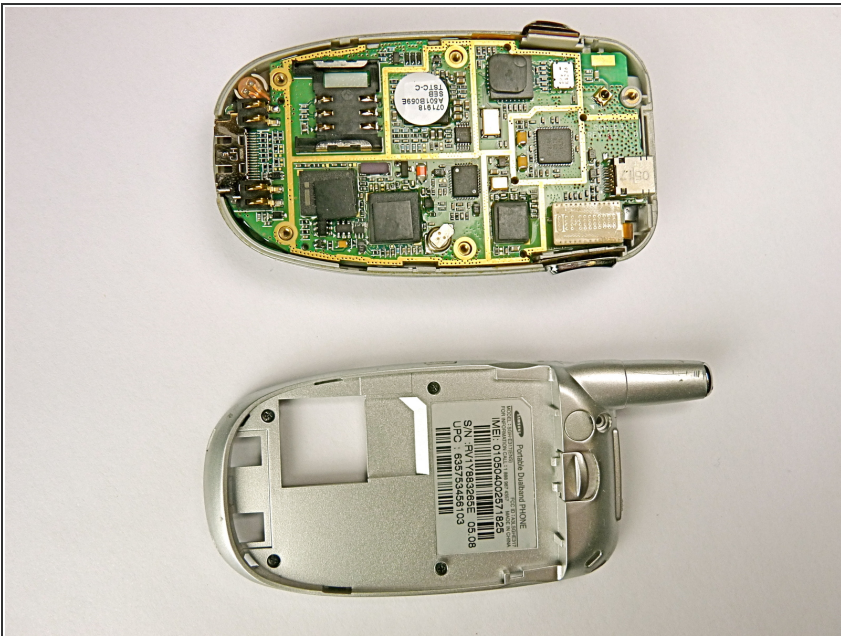


## Step 5



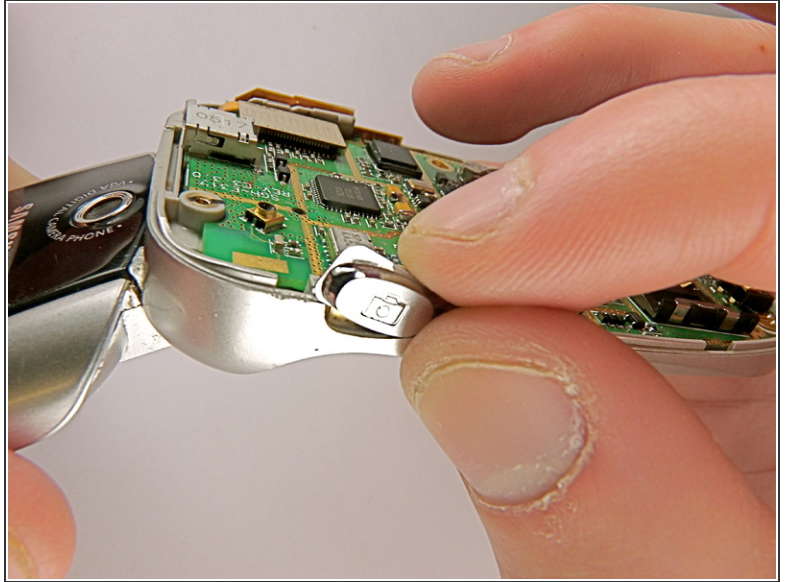
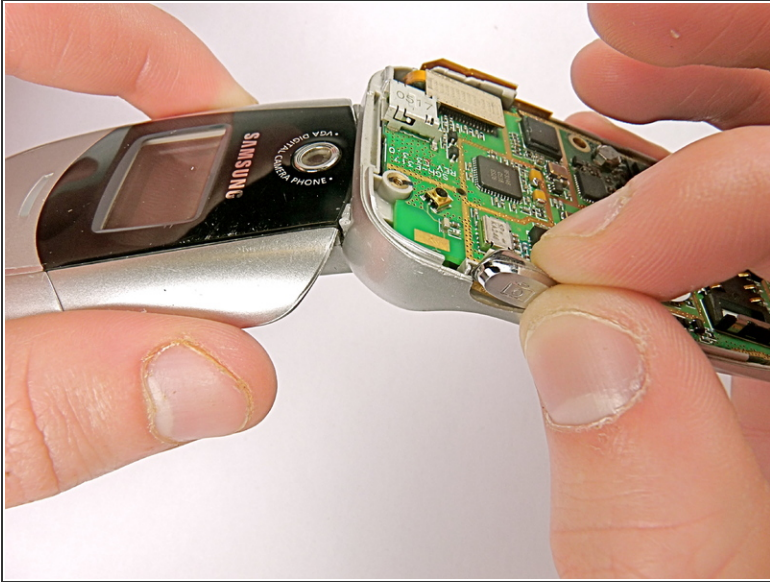
- Wedge the end of a plastic opening tool into the crack between the back panel and the phone.
- ⓘ The panel should come off without much effort.

## Step 6



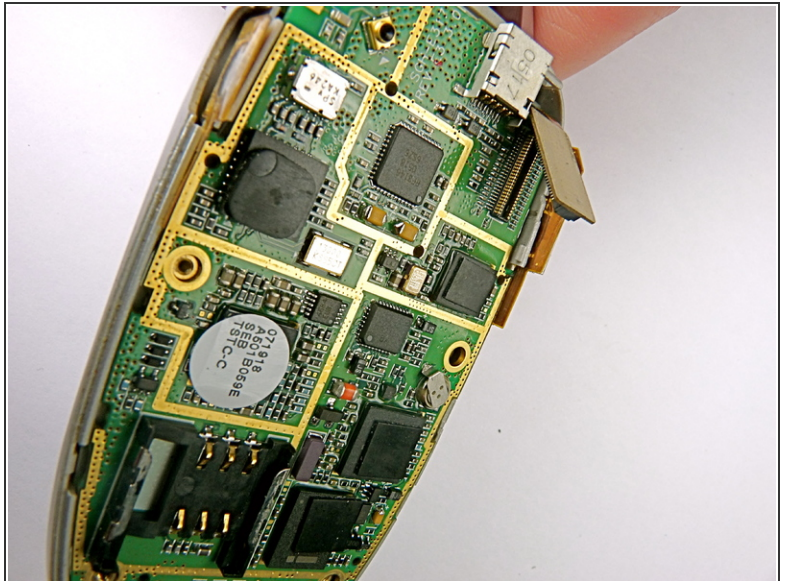
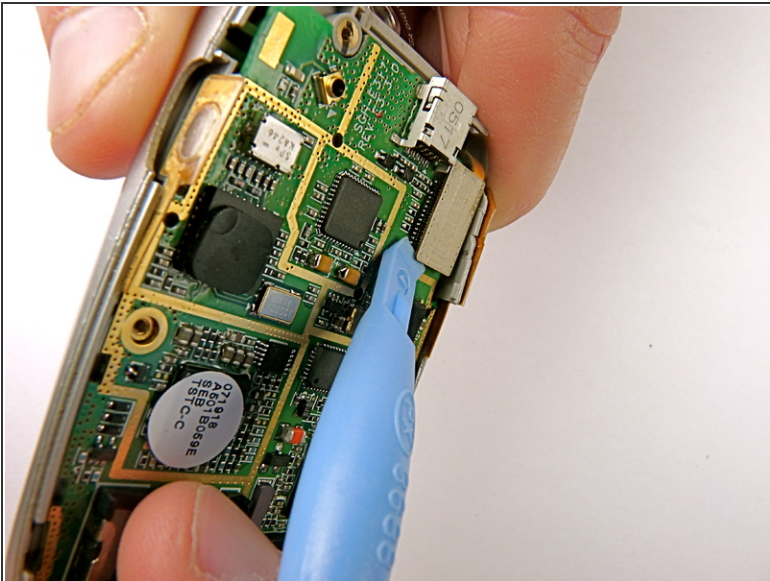
- With the back panel removed, the motherboard should be fully exposed.

## Step 7



- Remove the camera and volume buttons and place them in a safe spot until reassembly.

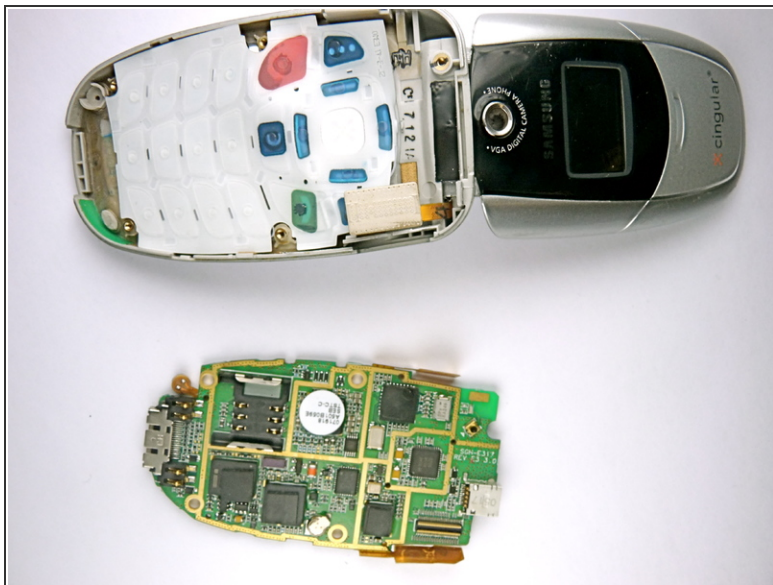
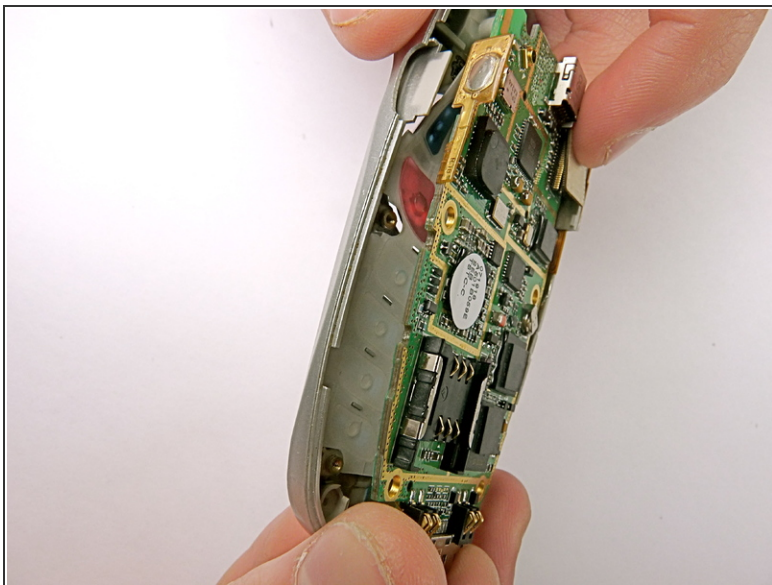
## Step 8



- Using a plastic opening tool, unplug the ribbon cable connecting the front LCDs to the motherboard.

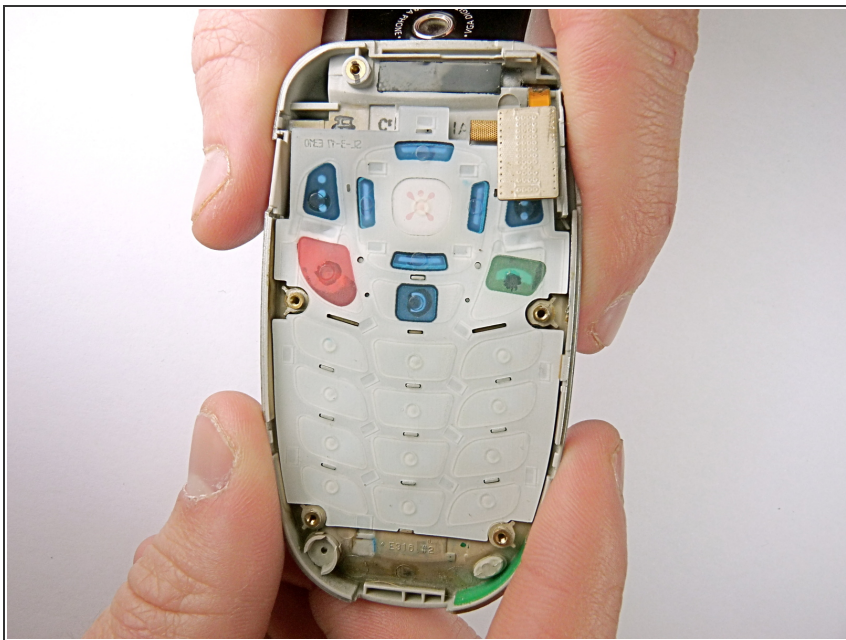


## Step 9



- Detach the motherboard by grabbing the edges of it and lifting it straight out of the phone.

## Step 10 — How to clean the Samsung SGH-E317 keypad



- After removing motherboard, the phone will look like this.

## Step 11



- Grab the corner of the rubber key pad and lift out slowly.

## Step 12



- By using a small standard screwdriver and a fine, thin, soft cloth you can clean in between the keypad to remove dirt and debris.

To reassemble your device, follow these instructions in reverse order.



